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0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.173)	
0-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	·	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	PJ021069PCT	
ī	Title of Invention	HIGH-SPEED FORMING TAP	
II	Applicant		
II-1	This person is	applicant only	
II-2	Applicant for	all designated States except US	
11-4	Name	YAMAWA MFG. CO., LTD.	
11-5	Address	13-10, Kyobashi 3-chome, Chuo-ku, Tokyo 1040031 Japan	
II-6	State of nationality	JP	
II-7	State of residence		
11-8	Telephone No.	JP	
II-9	Facsimile No.	03-3561-2711	
III-1		03-5250-7416	
III-1 III-1-1	Applicant and/or inventor This person is		
III-1-2	Applicant for	applicant only	
III-1-4	Name	all designated States except US	
III-1-5	Address	KENNAMETAL INC.	
	·	1600 Technology Way, P.O. Box 231, Latrobe, Pennsylvania 156500231 United States of America	
III-1-6	State of nationality	us	
III-1-7	State of residence	us	

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III-2	Applicant and/or inventor		
III-2-1	This person is	applicant and inventor	
111-2-2	Applicant for	US only	
111-2-4	Name (LAST, First)	AKAGI, Sadayuki	
III-2-5	Address	c/o YAMAWA MFG. CO., LTD., 13-10, Kyobashi 3-chome, Chuo-ku, Tokyo 1040031 Japan	
III-2-6	State of nationality	JP	
III-2-7	State of residence	JP	
III-3	Applicant and/or inventor		
III-3-1	This person is	applicant and inventor	
III-3-2	Applicant for	US only	
III-3-4	Name (LAST, First)	MITSUI, Masao	
III-3-5	Address .	c/o YAMAWA MFG. CO., LTD., 13-10, Kyobashi 3-chome, Chuo-ku, Tokyo 1040031 Japan	
111-3-6	State of nationality	JP	
III-3-7	State of residence	JP	
111-4	Applicant and/or Inventor		
III-4-1	This person is	applicant and inventor	
III -4-2	Applicant for	US only	
III-4-4	Name (LAST, First)	HENDERER, Willard E.	
III -4 -5	Address	745 Magruder Landing, Evans, Georgia 30809 United States of America	
III-4-6	State of nationality		
III -4- 7	State of residence	us us	
IV-1	A contrar and an analysis and a second address a second address and a se	US	
	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent international Authorities as:	agent	
IV-1-1	Name (LAST, First)	SUGIMURA, Kosaku	
IV-1-2	Address	Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 1000013 Japan	
IV-1-3	Telephone No.	03-3581-2241	
IV-1-4	Facsimile No.	03-3580-0506	

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V	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	14 March 2003 (14.03	.2003)
VI-1-2	Number	2003-070488	
VI-1-3	Country	JР	
VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	Japan Patent Office	(ISA/JP)
VIII	Declarations	Number of declarations	· -
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	8	_
IX-3	Claims	1	-
IX-4	Abstract	1	✓
IX-5	Drawings	7	_
IX-7	TOTAL	22	

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	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	1	_
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by	
	the International Bureau	